1646

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/831, 621A
Source: 1600
Date Processed by STIC: 1/24/06

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FEB 01;

CFFICE OF PETITIONS

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JAN 3 1 2006

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING DATE: 01/24/2006

TIME: 12:21:12 RECEIVED PATENT APPLICATION: US/09/831,621A

Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\1831621A.raw

FEB 0 1 2005

		1 LD V 1 200 ;
3	<110> APPLICANT: Baum, Peter	AFFIAR AF BETTTANG
4		CFFICE OF PETITIONS
5	Sims, John E.	Dro-
6	Youakim, Adel	MECEIVED
7	Hasel, Karl W.	RECEIVED
8	Hilbush, Brian S.	JAN 3 1 2006
10	<120> TITLE OF INVENTION: Novel DNAs and Polypeptides	3 1 2006
12	<130> FILE REFERENCE: 98664-A	Trough
C> 14	<140> CURRENT APPLICATION NUMBER: US/09/831,621A	TECH CENTER 1600/2900
C> 15	<141> CURRENT FILING DATE: 2001-05-10	-11/200/2900
17	<150> PRIOR APPLICATION NUMBER: 60/107821	
18	<151> PRIOR FILING DATE: 1998-11-10	
20	<160> NUMBER OF SEQ ID NOS: 33	
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	atgcggaaag cagaactcat ggggatcagt acagatatct ttccagtgga	-
	actagttcta gtgtggatgg aaggagaaaa cataagcaac cagctctcac	
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Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\1831621A.raw

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75 gttatgagcc tgtgggaact tcaggggttc ccagtgggga gagcagtggc agtgggaggc	120					
77 atctgggggc caaaggtcag tggcaggggg tatttcagta ttatacaact gctgtggcca	180					
79 gactigtata ctggctgaat atcagtgctg tttgtaattt ttcactttga gaaccaacat	240					
81 taattccata cgaatcaagt gttttgtaac tgctattcat ttattcagca aatatttatt	300					
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98 gataaatgaa aaattagtta ttottgtaaa ttgaagaaag aatggttato atagagggta	180					
100 gttcaagtaa aagaaccagg gctgggtgtg gtggctcacg ttctgtagtc cctgtacttt	240					
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117 agaacaggtg gcctgtgtgg tgccatcgag tccctgctgg ttccccttgt cctgggaggg	180					
119 tcacccattg cccaaggaag tgcatccacc tggcaggtga cctggaggag tagcttcccc	240					
121 gaggaccccc aggcttggcc tgtgattgcg caaacccaca tttcctaagc acactggaca	300					
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149 caagteetgg etggecaagt taetggagee gatatgtgat getgateett eageettage	180					
151 caactatgtt gtagcactgg tcaagaagga caaacctgag aaagaattaa aagccttttg	240					
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Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\I831621A.raw

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	176	<213> ORGANISM: Homo sapiens					
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		cctttagtaa cctggagggg acccatcaca				300	
		agccgctgcc tgactgagat atgcccccag				360	
		cagggcaggg gaccatcacc agggaaagac				420	
		ctgggtctgt agtggagccg ctgtttcttc				480	
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Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\1831621A.raw

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                                                                               120
     240 tcacatactc tctgggaagt ttgggttctc agggacacct gctcctcagc tggggaccat
                                                                               180
     242 ggccatggcc caccacctgc ccttcagtgt tcaagcaggg gacatgcacc ctttagtaac
                                                                               240
     244 ctggagggga cccatcacat gacaaccacc ccaacgacca tcatcaggaa qccqctqcct
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     246 gactgagata tgcccccagg aggacaaggg agagtggatg ctggaaagac agggcagggg
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     248 accatcacca gggaaagact tcattcttcq qaqqacattq aacctqqqqc tqqqtctqta
                                                                               420
     250 gtggagccgc tgtttcttct cctgtatcca actgttctaa ctcttgggct ttctccattt
                                                                               480
     252 teagetettt etttteetgg cetteteatt getggtteet teaageetee tetetattet
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     275 acatggaggg agctgctttg ctgagagtct ctgtcctctg catctggatg agtgcacttt
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     277 tccttggtgt gggagtgagg gcagaggaag ctggagcgag ggtgcaacaa aacgttccaa
                                                                               240
     279 gtgggacaga tactggagat cctcaaagta agcccctcgg tgactgggct gctggcacca
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     281 tggacccaga gagcagtatc tttattgagg atgccattaa gtatttcaag gaaaaagtga
                                                                               360
     283 gcacacagaa tctgctactc ctgctgactg ataatgaggc ctggaacgga ttcgtqqctq
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     285 ctgctgaact gcccaggaat gaggcagatg agctccgtaa agctctggac aaccttgcaa
                                                                               480
     287 gacaaatgat catgaaagac aaaaactggc acgataaagg ccagcagtac agaaactggt
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     289 ttctgaaaag agtttcctcg ggtgaaaaag taagcttgag gataacataa gaaagcttcc
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    297 <213> ORGANISM: Homo sapiens
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    304 caaaatatta cagccccttc caggatattc ctggggtctc ttccatctct actaacccct
                                                                               180
    306 gactacaaac agcctccacc tatttcacct gacattgtac tttatgaaag cagcagttct
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    308 cagatggggc tattttgccc cctggggaca ttagggagta tctggaggaca ctgagggttg
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    310 tgtctacttg gggggagttg tgttactgca tccagtgagt ccagggatcc agggatgccg
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    312 ctcaacatcc tgaaatgcac agggaacccc cacacataga acagagaaat tgctgagcca
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    314 aaatgtcagc agtgtcacag ctgacaccct gatatacaca ctatcacaca gtatctgctc
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    316 tttcgggctc aggatctttt tcattctaat catctcatag gaaacagaaa tgtcatttag
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Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\1831621A.raw

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	•		cacacaggta				780
			gaccaagaca				840
			ccattcactc				900
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			gggaaggggc				180
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			ctttcggact				300
			cctctcccta				360
			agaggaggca				420
			cagatgacag				480
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			aatagtgagg				600
			ggttgttatg				660
			actgaacctt				720
			cctaatcagg				780
			gccctgtatg				840
			acggaaatga				900
			tttgctagaa				960
			gtgacctgtg				1020
			gatccattct				1080
			aaaaactact				1140
			ctatcaccag				1200
			gaactagctc				1260
			ctcaccagca				1320
			agtacagata				1380
			aaacataagc				1440
			cgcatgattc				1500
			aatgaacaag				1560
			caaaacctga				1620
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			agtaaaaaag				1740
			gggatttgta				1800
			cattaccatc				1860
			agttattggc				1920
			gccatggaaa				1980
			aaatttgttc				2040
			accagaggac				2100
			agagagagaa				2160
							

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/09/831,621A DATE: 01/24/2006 TIME: 12:21:13

Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\1831621A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 527,542,549,556 Seq#:13; N Pos. 613

VERIFICATION SUMMARY

DATE: 01/24/2006

PATENT APPLICATION: US/09/831,621A

TIME: 12:21:13

Input Set : A:\NEU-119.P.1, Sequence Listing.txt

Output Set: N:\CRF4\01242006\1831621A.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:480 L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:540

L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:600